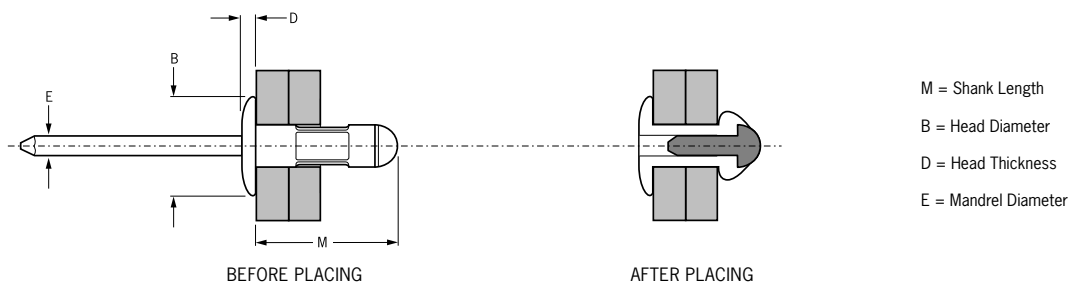




Avex® 1661 - Dome Head

	Material	Finish
Body	Aluminium alloy (2.5% Mg) to AA 5052 DIN 1725 Al Mg2.5 Werkstoff 3.3523	Natural
Mandrel	Low carbon steel to BS 3111 Type 0 SAE 1015/1018/1022 DIN 1654 Cq15/Cq22	Zinc Coated
Options	Anodised and black dyed to BS 1615 Enamel painted	



Dimensions & Performance Data

Fastener Size nom.	M max.	Grip Range		Part Number	B max.	D max.	E max.	(Typical Values)	
		min.	max.					Shear kN	Tension kN
3.0 Ø 3.1 3.3	9.1	0.8	4.3	01661-05307	6.7	1.3	1.7	0.7	0.9
3.2 (1/8") Ø 3.3 3.4	10.4	0.8	4.8	01661-00410	6.7	1.3	1.8	0.7	1.0
	13.6	4.0	7.9	01661-00414	6.7	1.3	1.8	0.7	1.0
	16.0	5.5	9.5	01661-00416	6.7	1.3	1.8	0.7	1.0
4.0 (5/32") Ø 4.1 4.2	9.3	0.5	3.2	01661-00508	8.2	1.6	2.1	1.1	1.6
	10.7	0.8	4.7	01661-00510	8.2	1.6	2.1	1.1	1.6
	12.5	1.2	6.3	01661-00512	8.2	1.6	2.1	1.0	1.6
	16.2	4.0	9.5	01661-00516	8.2	1.6	2.1	1.0	1.6
	19.6	6.4	12.7	01661-00521	8.2	1.6	2.1	1.0	1.6
4.8 (3/16") Ø 4.9 5.0	13.9	1.6	6.3	01661-00613	10.1	1.8	2.9	1.5	2.3
	18.7	4.8	11.1	01661-00619	10.1	1.8	2.9	1.3	2.3
	20.2	4.8	12.7	01661-00621	10.1	1.8	2.9	1.3	2.3
	28.2	12.7	19.8	01661-00631	10.1	1.8	2.9	1.4	2.3
6.4 (1/4") Ø 6.6 6.9	16.8	2.0	8.3	01610-04506 (yellow passivated stem only)	13.1	2.7	4.0	3.1	2.5

Dimensions in millimetres

Option

Reduced head diameter-for applications with small hole separation. Replace part number 01661 with 01601.